

Please amend the Claims as follows:

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1. (amended) A method of immunizing and monitoring immunization, comprising:

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- a) providing: i) a human, and ii) an immunizing preparation comprising myelin basic protein and Incomplete Freund's Adjuvant;
  - b) immunizing said human with said immunizing preparation;
  - c) obtaining a primary cell population from said human comprising T cells capable of secreting cytokines; and
  - d) determining if said T cells are primarily Th2 cells secreting an anti-inflammatory cytokine or primarily Th1 cells secreting an inflammatory cytokine, wherein said Th2 cells secreting an anti-inflammatory cytokine indicates that said immunizing is protective against multiple sclerosis.
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25. (amended) A method of immunizing and monitoring immunization, comprising:

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- a) providing: i) a human with symptoms of multiple sclerosis, and ii) an immunizing preparation comprising myelin basic protein and Incomplete Freund's Adjuvant;
  - b) immunizing said human with said immunizing preparation;
  - c) obtaining a primary cell population from said human comprising T cells capable of secreting cytokines; and
  - d) determining if said T cells are primarily Th2 cells secreting an anti-inflammatory cytokine or primarily Th1 cells secreting an inflammatory cytokine, wherein said Th2 cells secreting an anti-inflammatory cytokine indicates that said immunizing is effective for treating symptoms of multiple sclerosis.

26. (amended) A method of immunizing and monitoring immunization, comprising:

- a) providing: i) a human, and ii) an immunizing preparation comprising myelin basic protein and Incomplete Freund's Adjuvant;
- b) immunizing said human with said immunizing preparation;
- c) obtaining a primary cell population from said human comprising T cells capable of secreting cytokines;